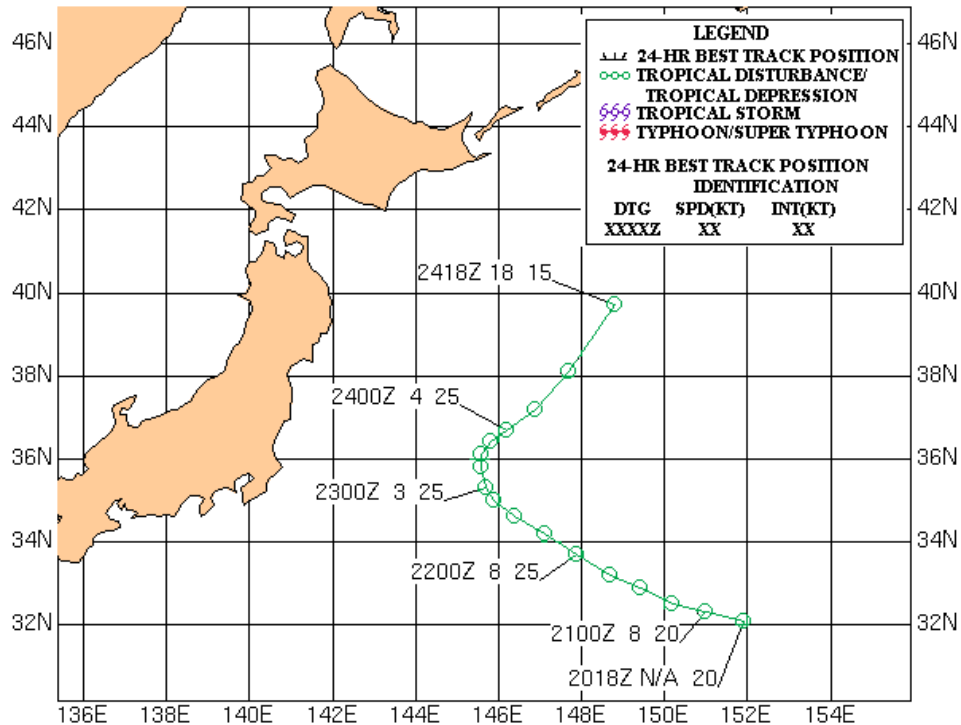


# Tropical Depression 18W

Tropical Depression (TD) 18W was one of three very small (midget) tropical cyclones warned on by JTWC during the 1999 season. This cyclone developed at the tail end of a shearline then moved west and recurved, becoming an extratropical cyclone after 4 days.

TD 18W formed approximately 640 nm east of Tokyo, Japan and JTWC first mentioned the area on the 192251Z August re-issuance of the ABPW. The first warning on TD 18W was issued at 212100Z August and by 221200Z August, the cyclone had reached a maximum intensity of 30 kt. Vertical wind shear caused TD 18W to become an exposed low level cyclone after 090000Z August.

TD 18W moved at 8 kt for the initial 36 hours then began to slow as it recurved northeastward on 221200Z August. The system moved at 3-5 kt until 240000Z August then accelerated and moved into the same frontal boundary it developed from. JTWC issued the 10th and final warning at 240300Z August as TD 18W weakened and became extratropical.



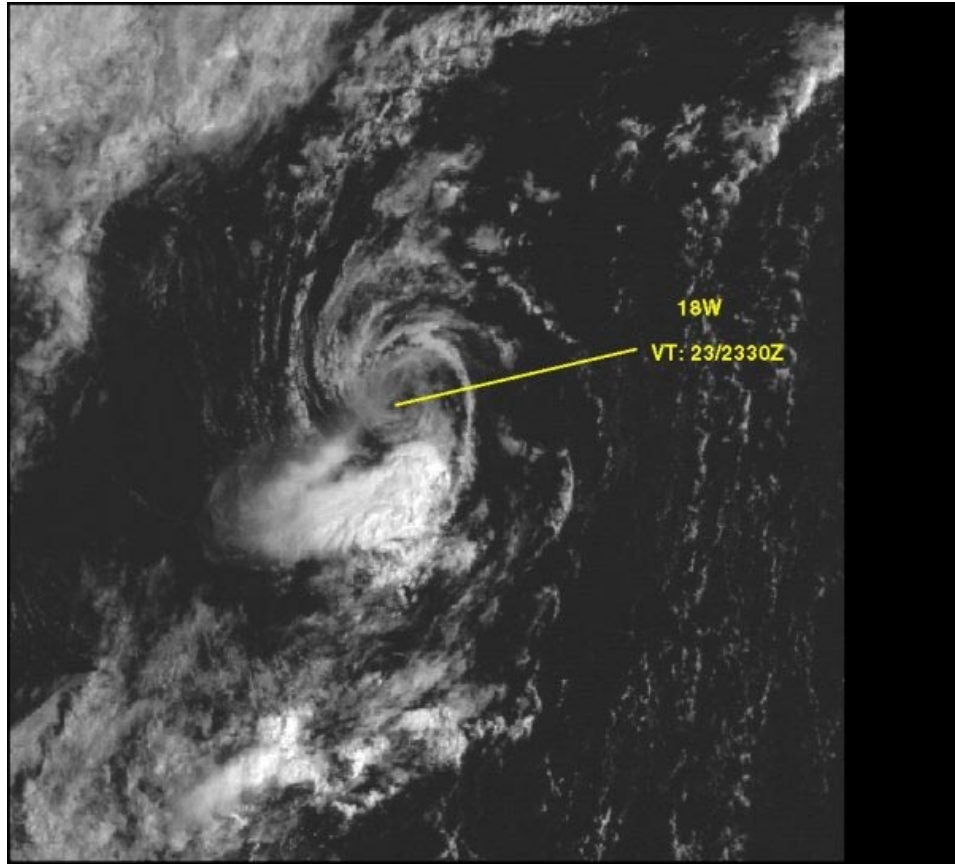


Figure 1-18-1. 232330Z visible image shows strong vertical windshear over TD 18W shearing the convection to the south of the exposed low-level circulation center (LLCC). Of note in this image is the tight wrap of the cloud lines into the LLCC. Current intensity was estimated at 25 kt.